

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082943.D
 Acq On : 16 Jul 2024 18:25
 Operator : JC\MD
 Sample : P3246-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 17 00:59:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

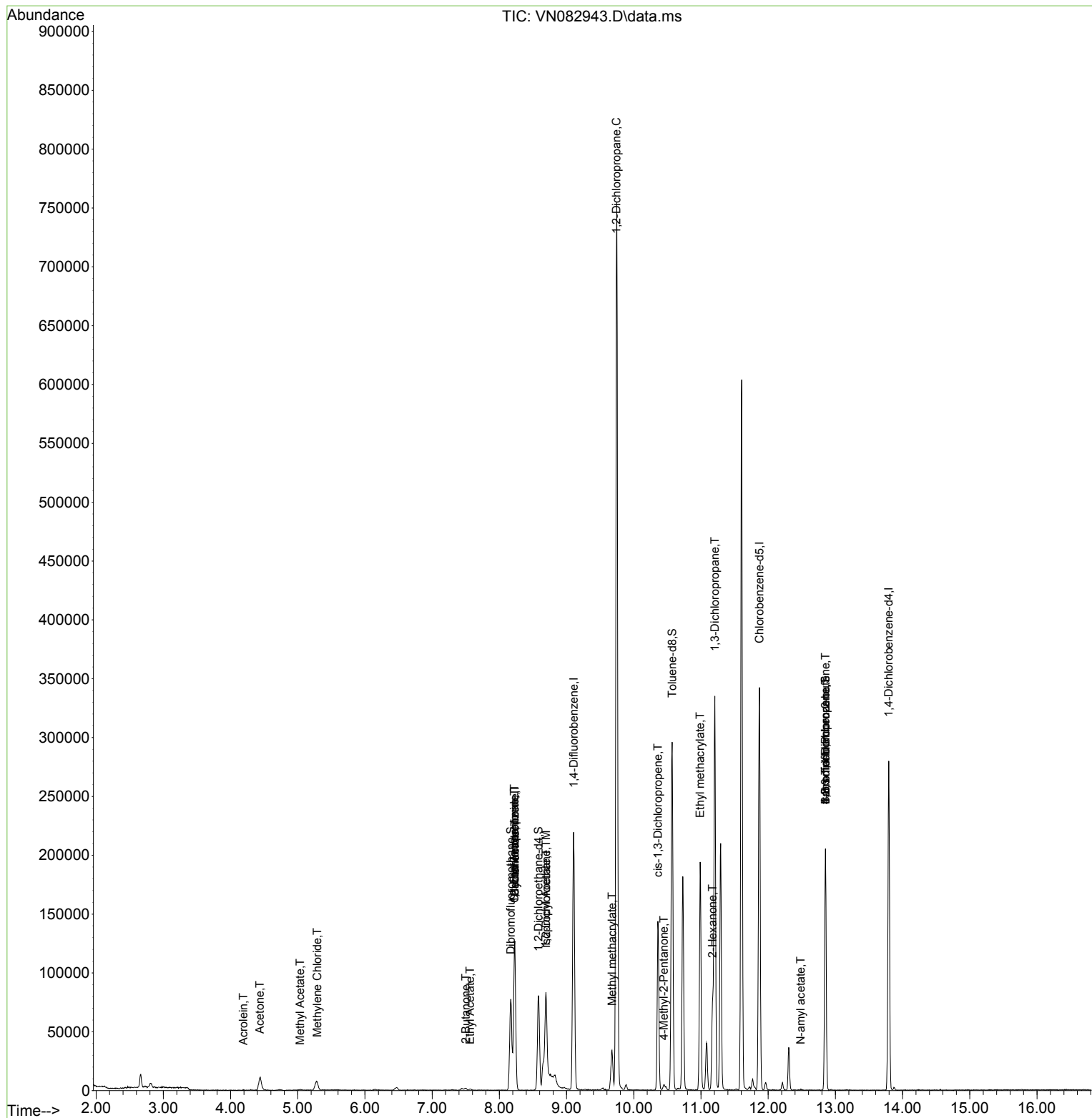
Internal Standards						
1) Pentafluorobenzene	8.229	168	86230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	181848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	194595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	64939	53.723	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.440%	
35) Dibromofluoromethane	8.171	113	54695	46.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.740%	
50) Toluene-d8	10.570	98	205370	47.652	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.300%	
62) 4-Bromofluorobenzene	12.853	95	64388	41.591	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 83.180%	
Target Compounds						
					Qvalue	
13) Acrolein	4.189	56	67	0.456	ug/l #	14
16) Acetone	4.436	43	21252	49.937	ug/l	99
18) Methyl Acetate	5.036	43	1147	1.019	ug/l #	56
20) Methylene Chloride	5.288	84	6086	5.922	ug/l #	82
25) 2-Butanone	7.500	43	3351	5.215	ug/l	94
31) Cyclohexane	8.229	56	2426	1.535	ug/l #	33
36) 1,1-Dichloropropene	8.224	75	8070	5.016	ug/l #	50
37) Ethyl Acetate	7.565	43	1854	1.132	ug/l #	77
38) Carbon Tetrachloride	8.224	117	9656	4.985	ug/l #	18
42) 1,2-Dichloroethane	8.694	62	557	0.313	ug/l #	78
43) Isopropyl Acetate	8.694	43	114288	36.186	ug/l #	85
45) 1,2-Dichloropropane	9.741	63	890	0.770	ug/l #	44
48) Methyl methacrylate	9.676	41	2421	1.885	ug/l #	52
51) 4-Methyl-2-Pentanone	10.447	43	6089	3.750	ug/l #	70
54) cis-1,3-Dichloropropene	10.359	75	23506	11.591	ug/l #	61
56) Ethyl methacrylate	10.988	69	1099	0.621	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3751	1.864	ug/l #	43
59) 2-Hexanone	11.170	43	56075	46.448	ug/l #	28
71) Bromoform	12.853	173	437	0.375	ug/l #	1
74) N-amyl acetate	12.482	43	520	0.239	ug/l #	46
76) 1,2,3-Trichloropropane	12.853	75	36950	29.574	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	36950	58.164	ug/l #	6

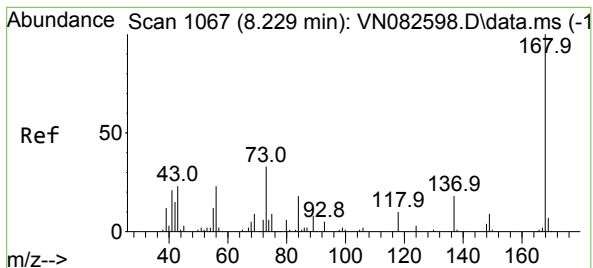
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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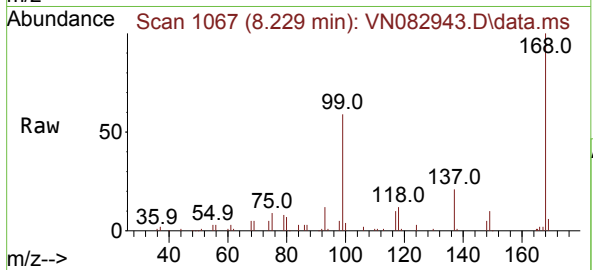
Quant Time: Jul 17 00:59:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
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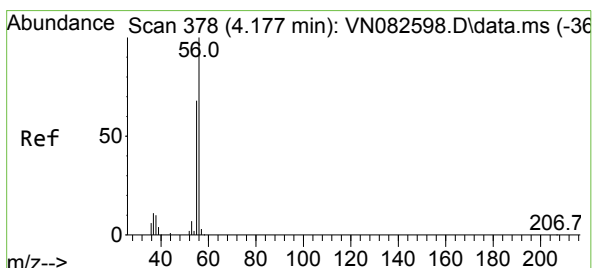
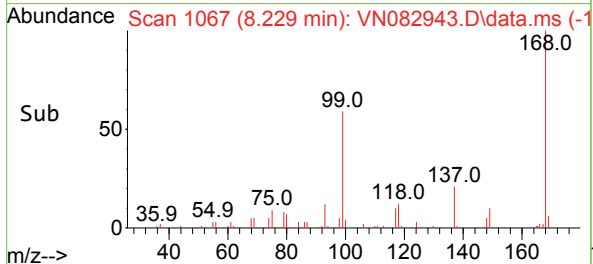
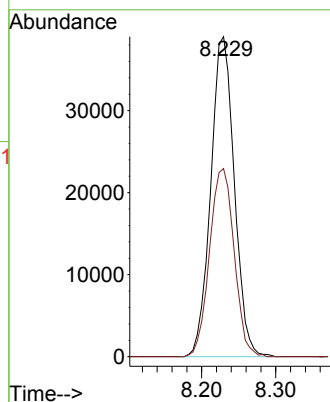


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :

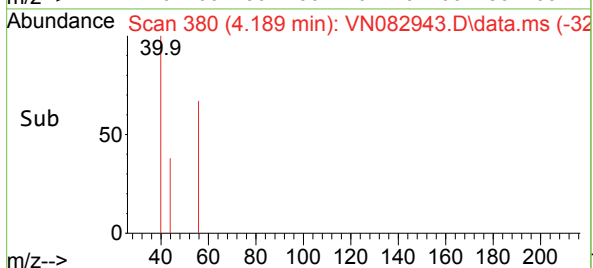
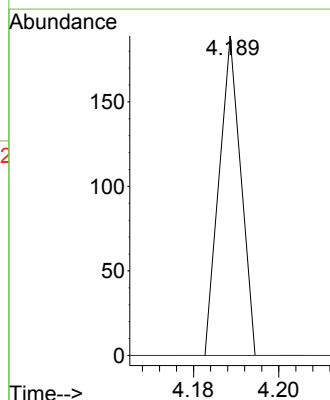
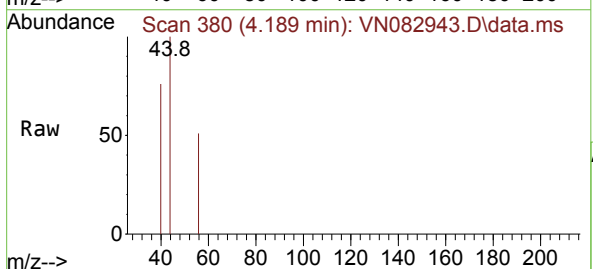


Tgt Ion:168 Resp: 86230
Ion Ratio Lower Upper
168 100
99 58.8 48.2 72.4



#13
Acrolein
Concen: 0.456 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

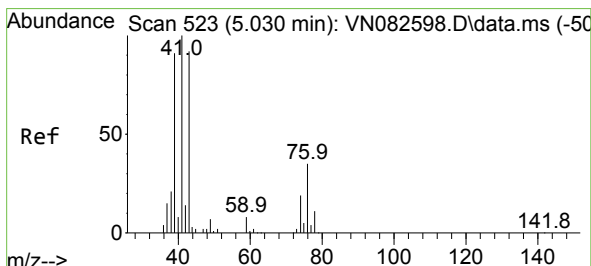
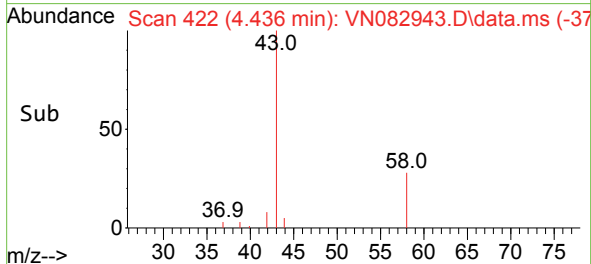
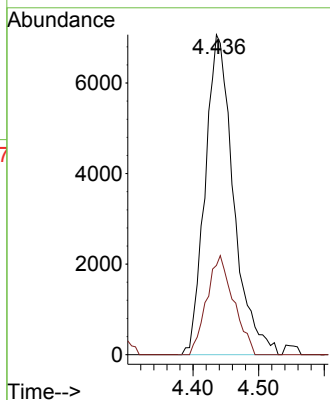
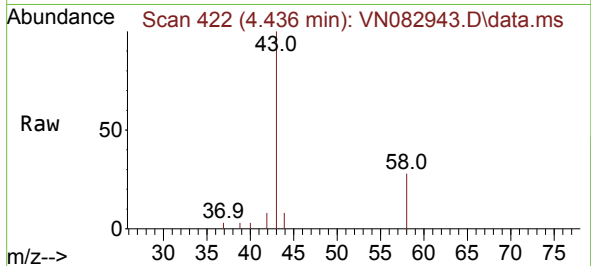




#16
Acetone
Concen: 49.937 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

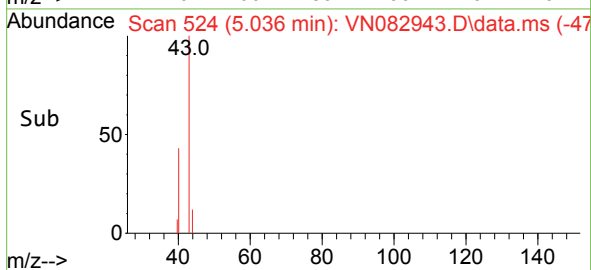
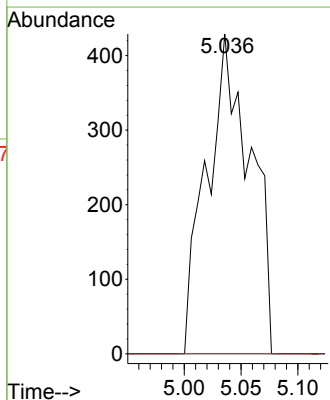
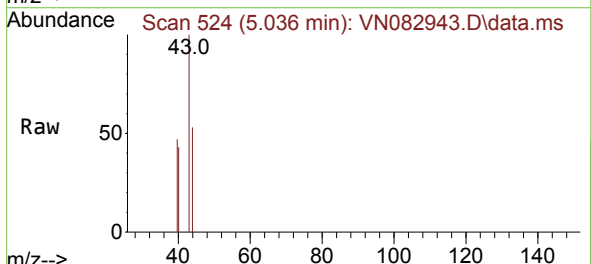
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 21252
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.6



#18
Methyl Acetate
Concen: 1.019 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

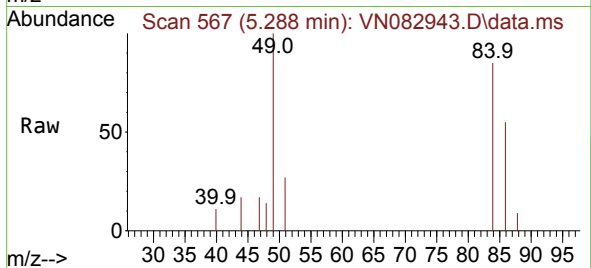
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



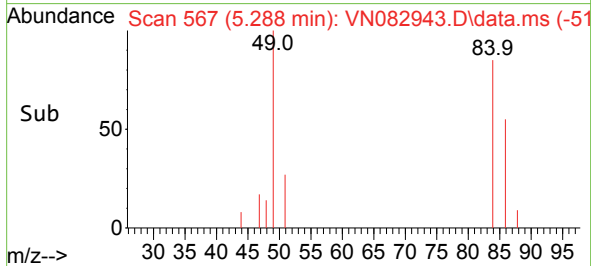
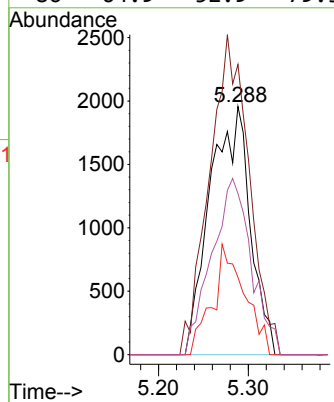


#20
Methylene Chloride
Concen: 5.922 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :

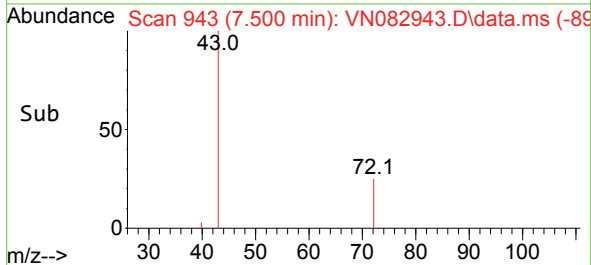
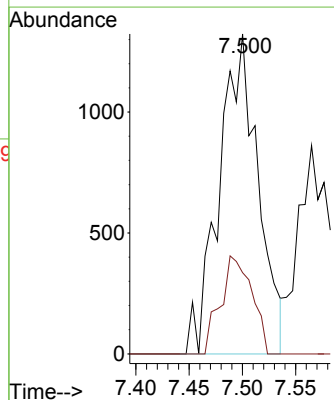
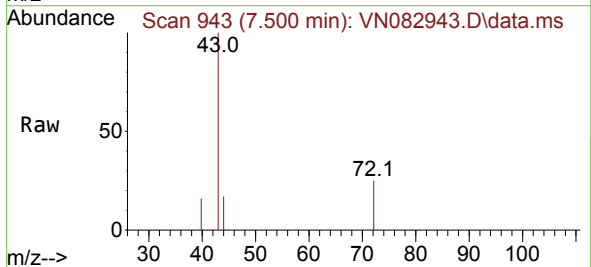


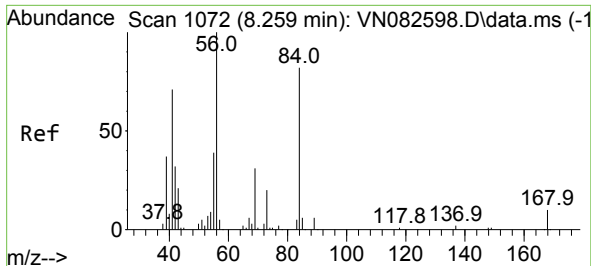
Tgt Ion: 84 Resp: 6086
Ion Ratio Lower Upper
84 100
49 117.0 119.6 179.4#
51 31.2 34.8 52.2#
86 64.9 52.9 79.3



#25
2-Butanone
Concen: 5.215 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

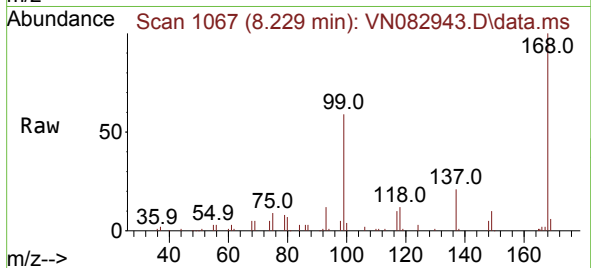
Tgt Ion: 43 Resp: 3351
Ion Ratio Lower Upper
43 100
72 25.4 18.2 27.2



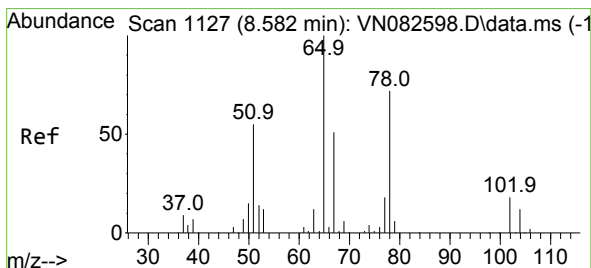
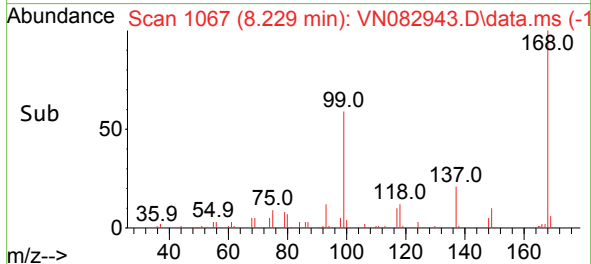
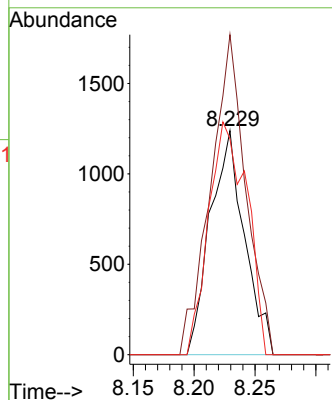


#31
Cyclohexane
Concen: 1.535 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :

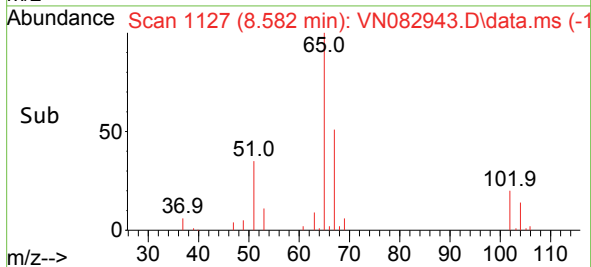
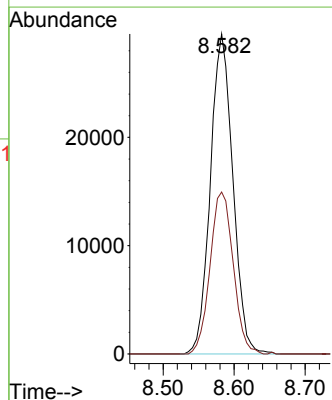
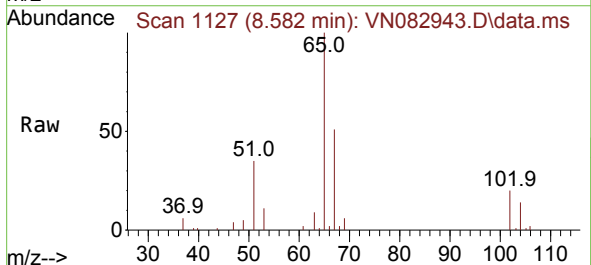


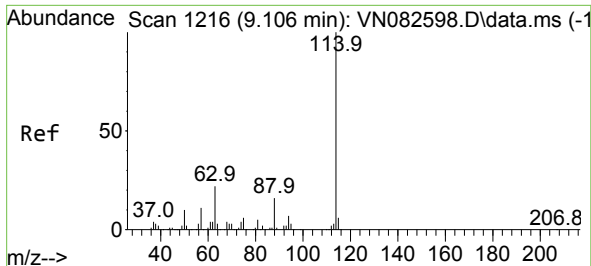
Tgt Ion: 56 Resp: 2426
Ion Ratio Lower Upper
56 100
69 142.9 24.5 36.7#
84 96.4 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 53.723 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

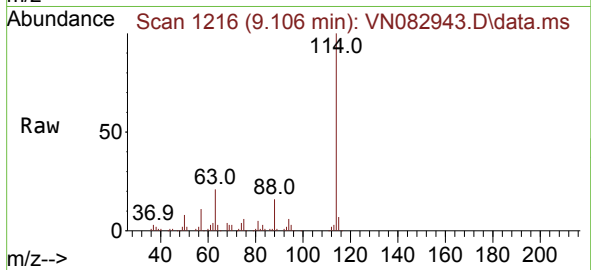
Tgt Ion: 65 Resp: 64939
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4



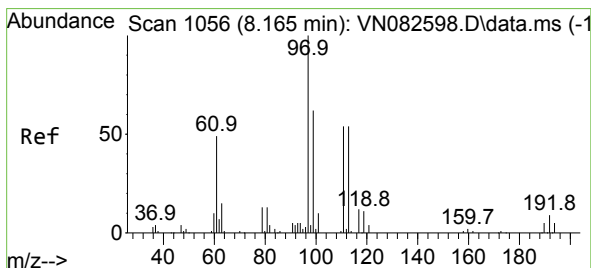
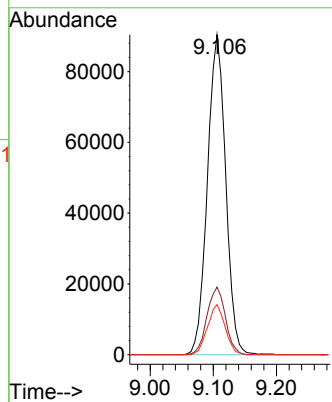
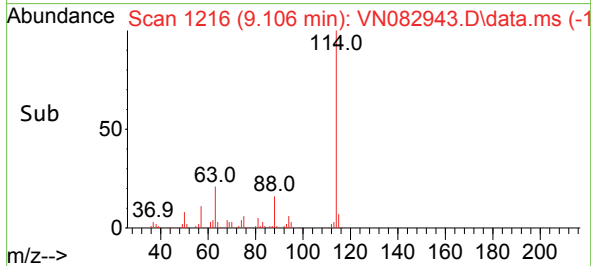


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :

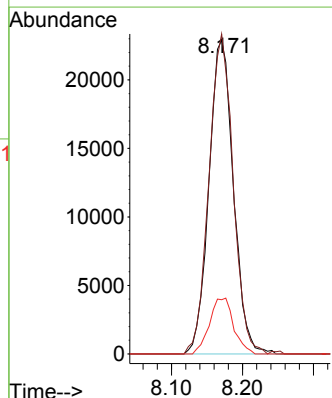
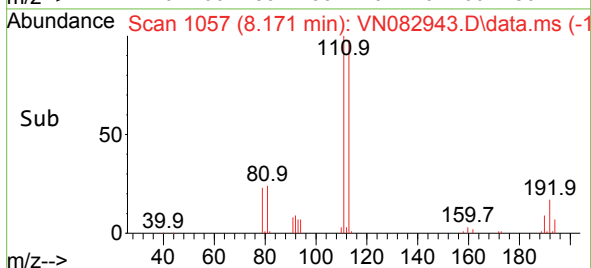
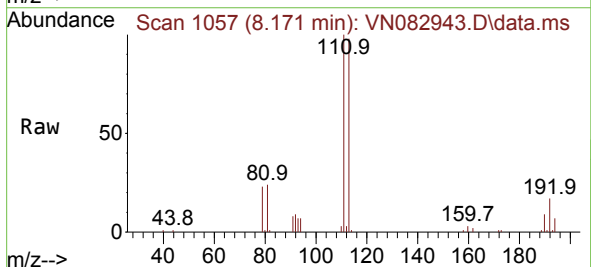


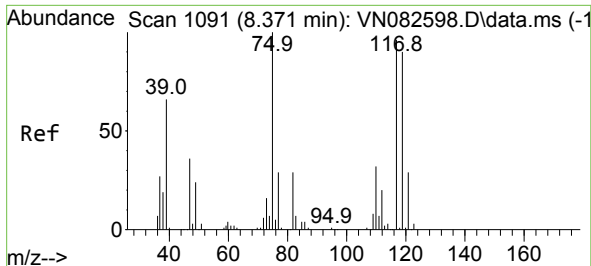
Tgt Ion:114 Resp: 181848
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 46.873 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

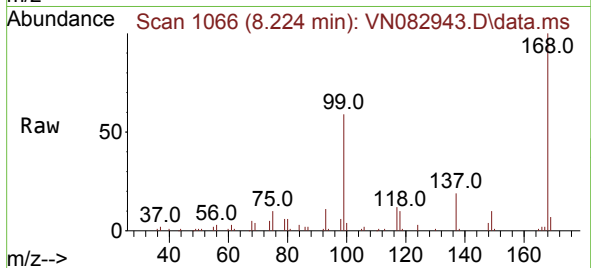
Tgt Ion:113 Resp: 54695
Ion Ratio Lower Upper
113 100
111 100.8 82.4 123.6
192 17.5 14.9 22.3



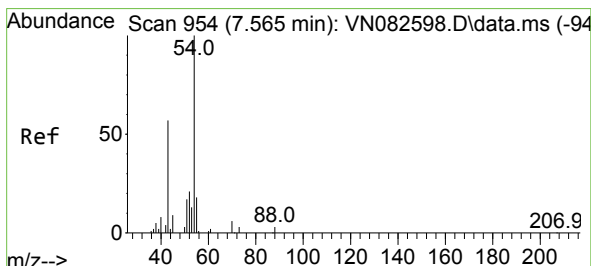
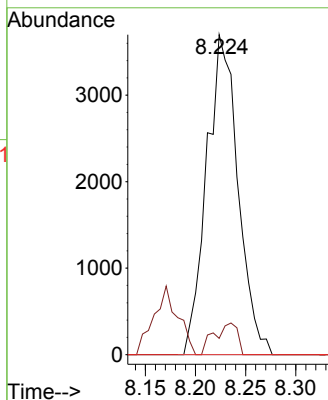
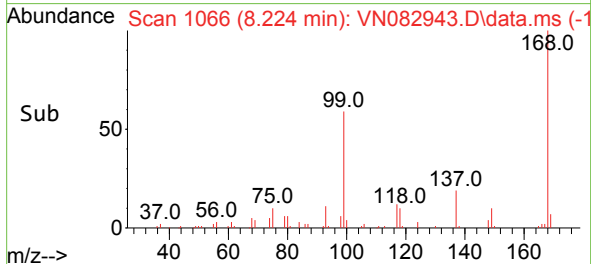


#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Instrument :
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ClientSampleId :

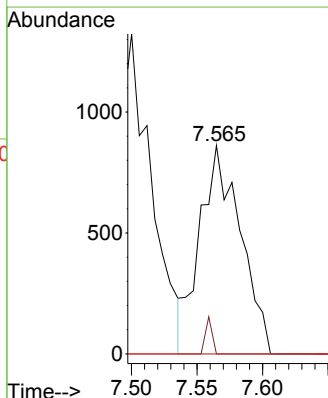
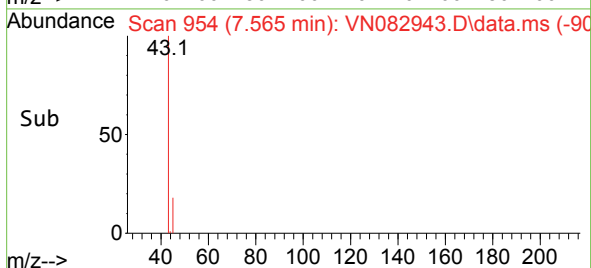
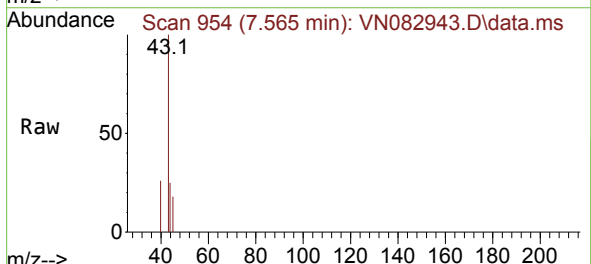


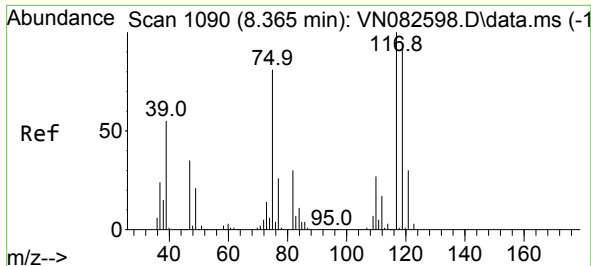
Tgt Ion: 75 Resp: 8070
Ion Ratio Lower Upper
75 100
110 7.3 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.132 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

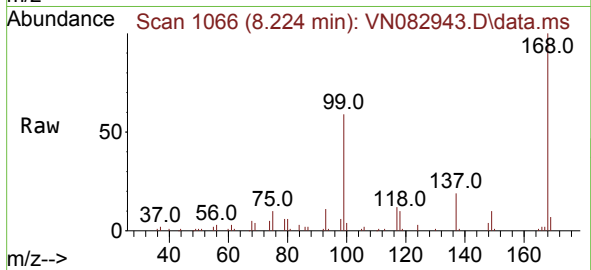
Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
61 2.9 9.3 13.9#
70 0.0 7.0 10.6#



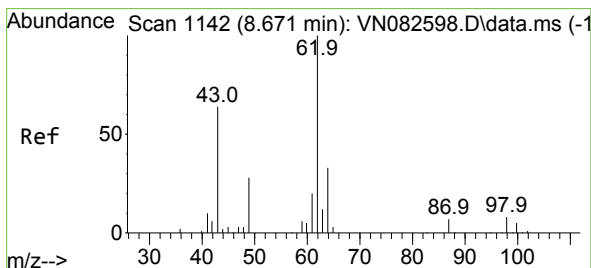
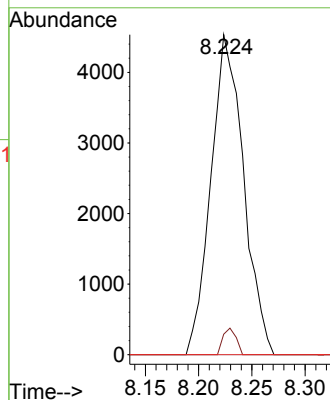
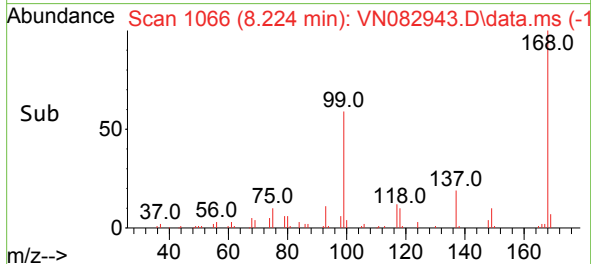


#38
Carbon Tetrachloride
Concen: 4.985 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :

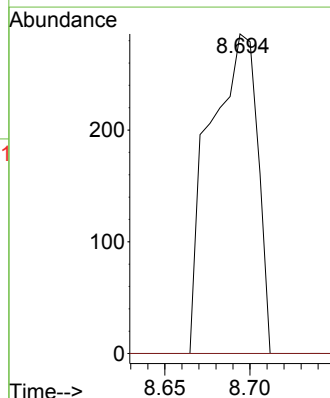
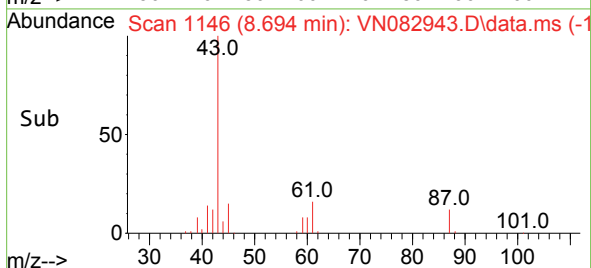
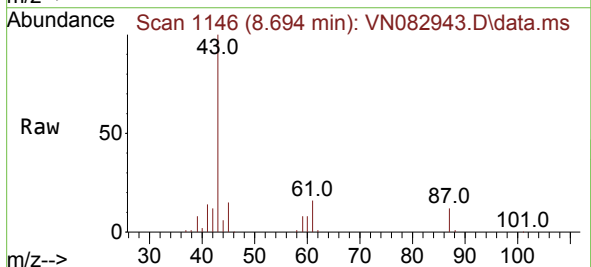


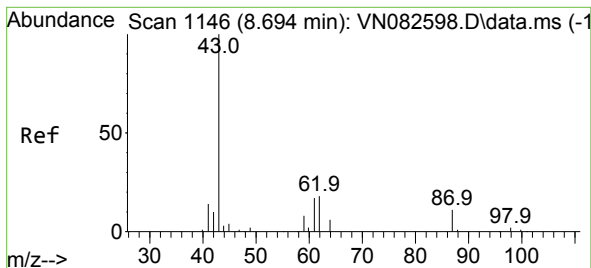
Tgt Ion:117 Resp: 9656
Ion Ratio Lower Upper
117 100
119 6.4 74.9 112.3#
121 0.0 24.3 36.5#



#42
1,2-Dichloroethane
Concen: 0.313 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.023 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Tgt Ion: 62 Resp: 557
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 36.186 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082943.D

Acq: 16 Jul 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

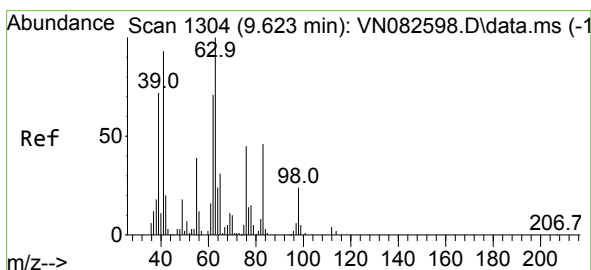
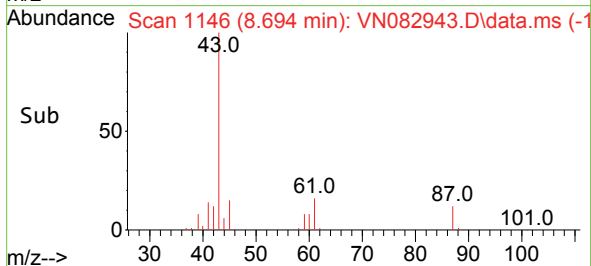
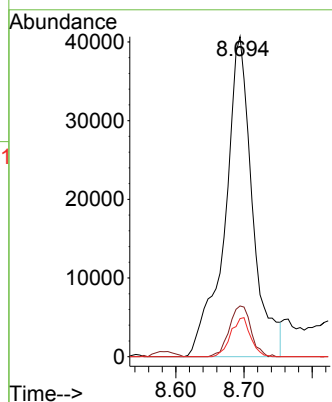
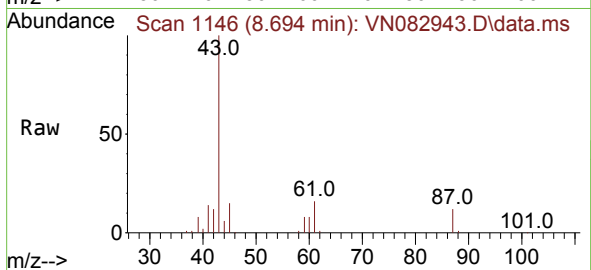
Tgt Ion: 43 Resp: 114288

Ion Ratio Lower Upper

43 100

61 12.5 17.8 26.6#

87 8.7 8.2 12.2



#45

1,2-Dichloropropane

Concen: 0.770 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.118 min

Lab File: VN082943.D

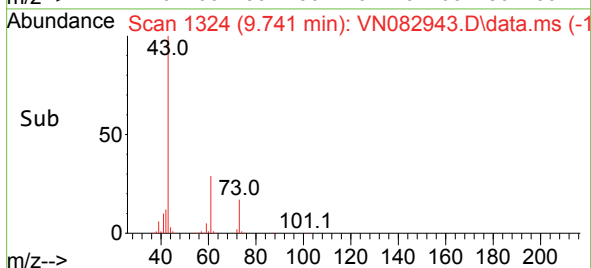
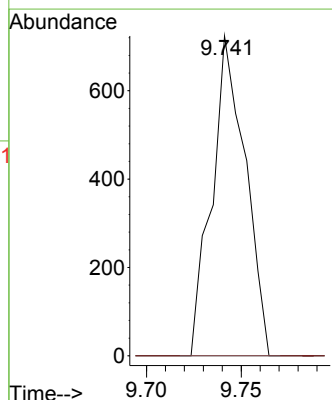
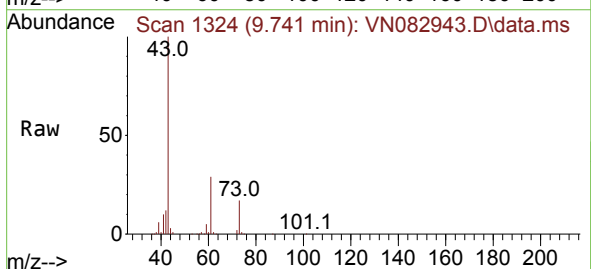
Acq: 16 Jul 2024 18:25

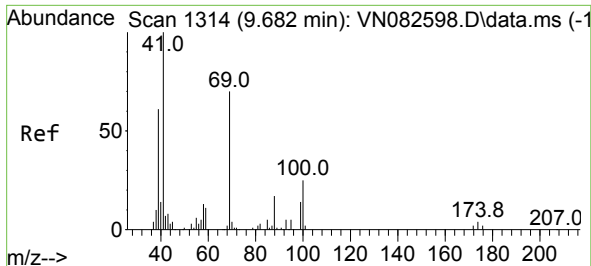
Tgt Ion: 63 Resp: 890

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#

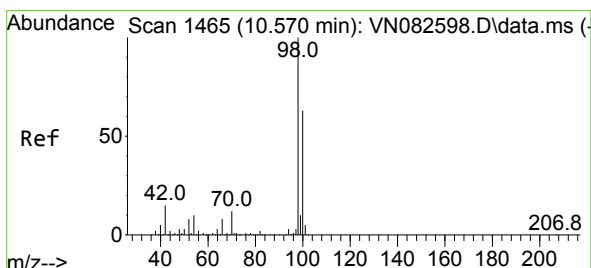
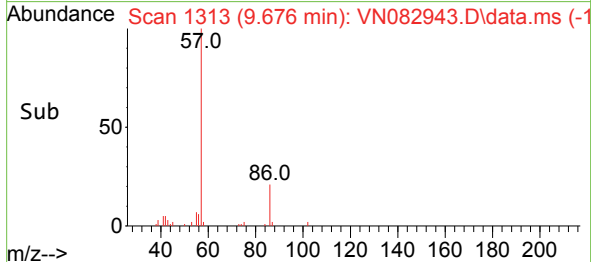
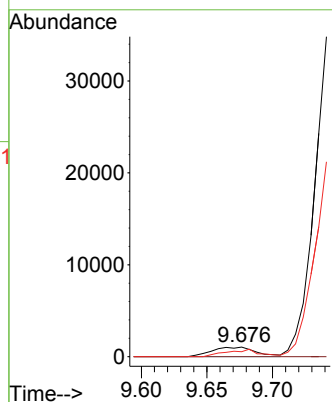
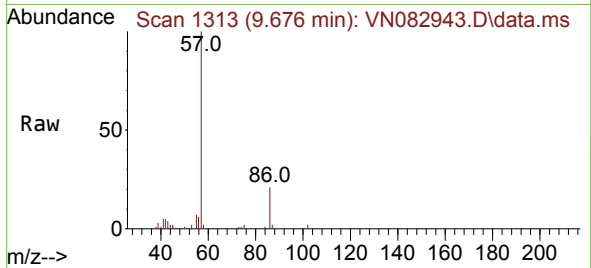




#48
Methyl methacrylate
Concen: 1.885 ug/l
RT: 9.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

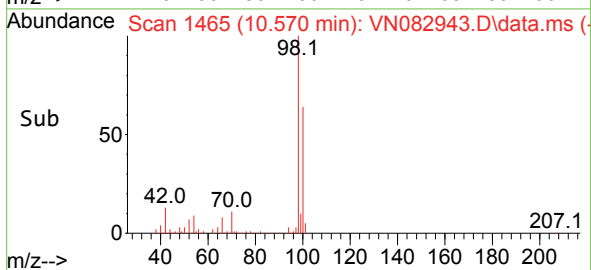
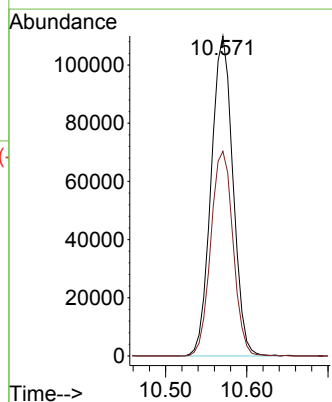
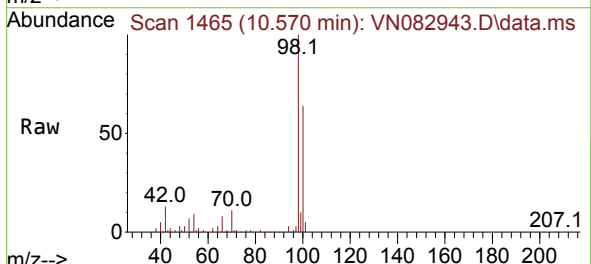
Instrument :
MSVOA_N
ClientSampleId :

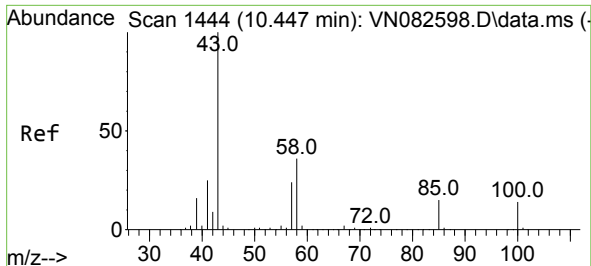
Tgt Ion: 41 Resp: 2421
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 58.6 50.3 75.5



#50
Toluene-d8
Concen: 47.652 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Tgt Ion: 98 Resp: 205370
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3

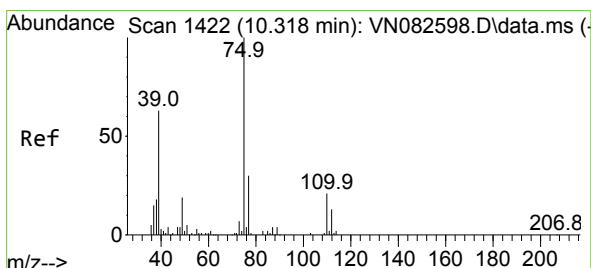
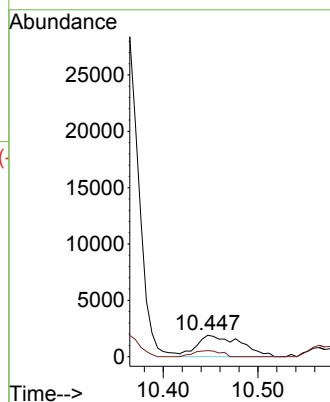
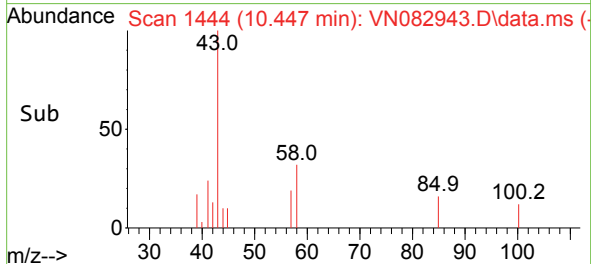
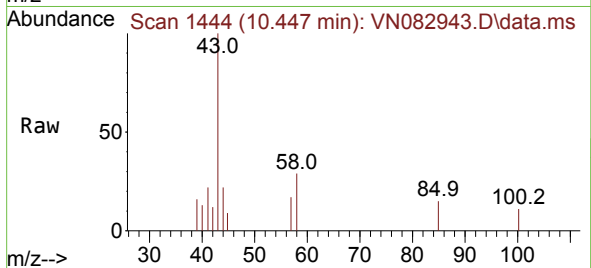




#51
4-Methyl-2-Pentanone
Concen: 3.750 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

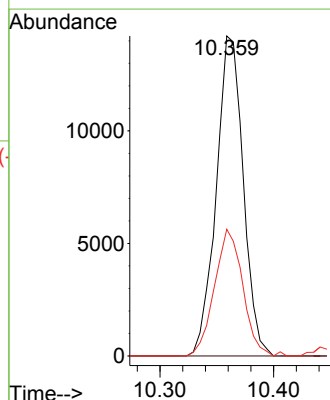
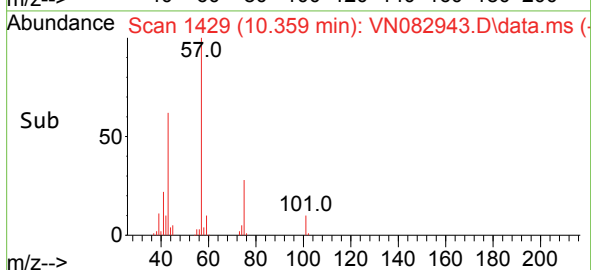
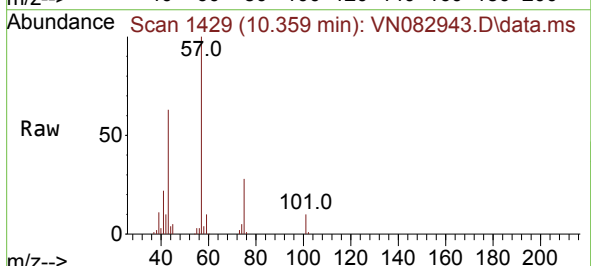
Instrument :
MSVOA_N
ClientSampleId :

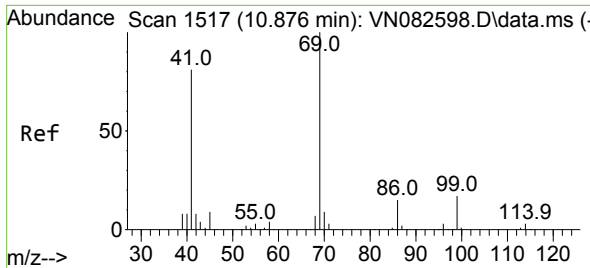
Tgt Ion: 43 Resp: 6089
Ion Ratio Lower Upper
43 100
58 17.8 28.2 42.4#



#54
cis-1,3-Dichloropropene
Concen: 11.591 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Tgt Ion: 75 Resp: 23506
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 39.6 50.5 75.7#

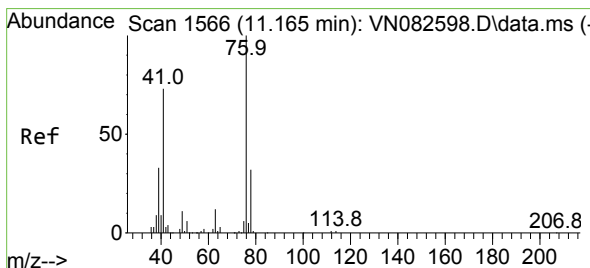
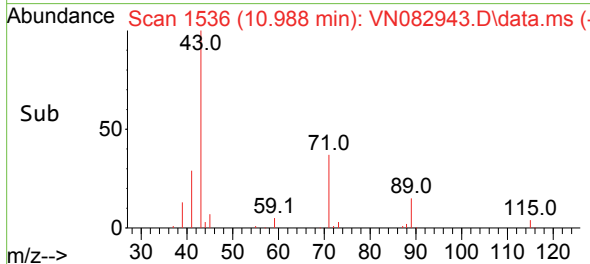
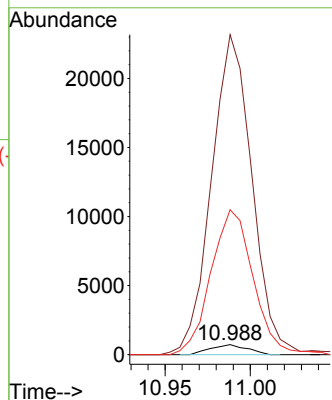
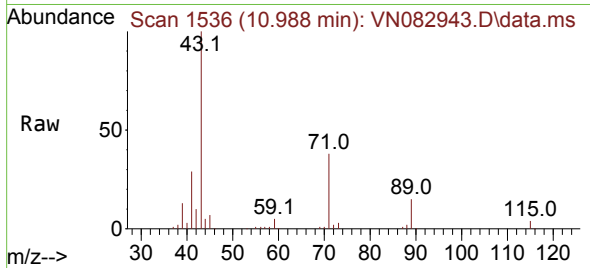




#56
Ethyl methacrylate
Concen: 0.621 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

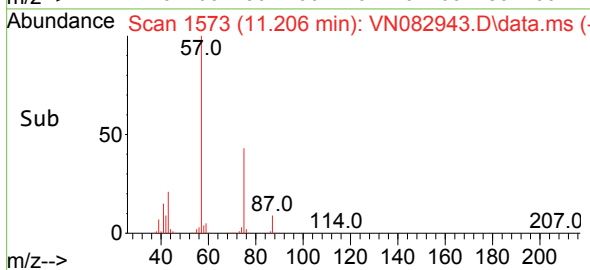
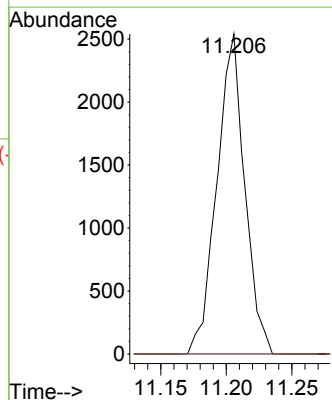
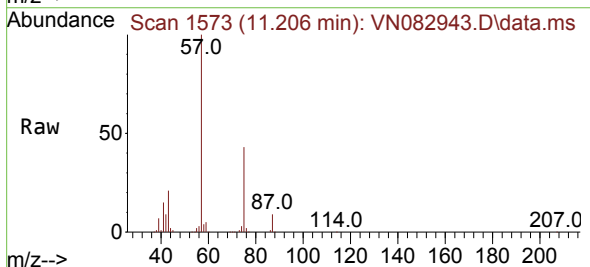
Instrument :
MSVOA_N
ClientSampleId :

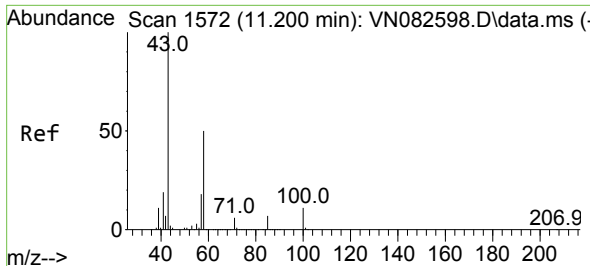
Tgt Ion: 69 Resp: 1099
Ion Ratio Lower Upper
69 100
41 3501.5 63.4 95.2#
39 1652.9 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.864 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

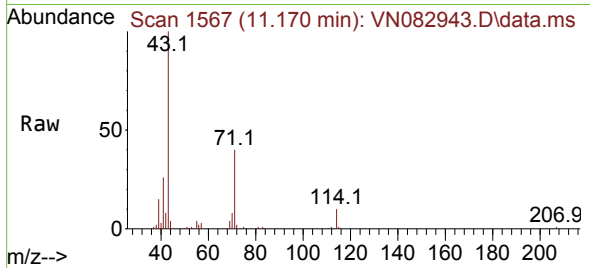
Tgt Ion: 76 Resp: 3751
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



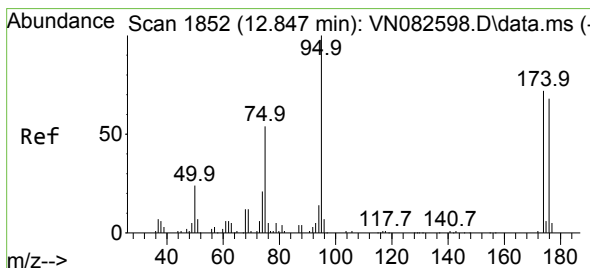
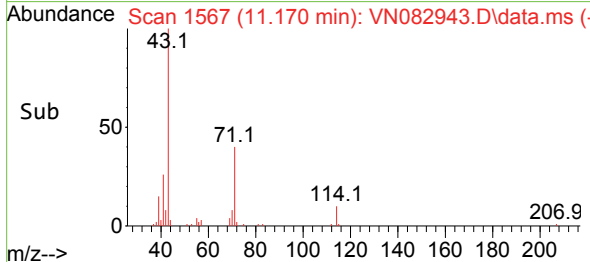
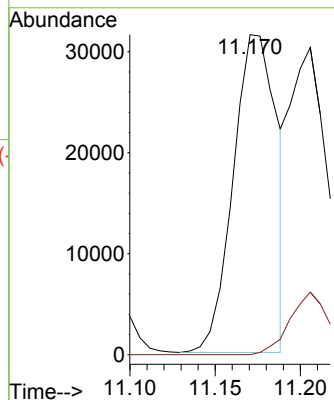


#59
2-Hexanone
Concen: 46.448 ug/l
RT: 11.170 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :

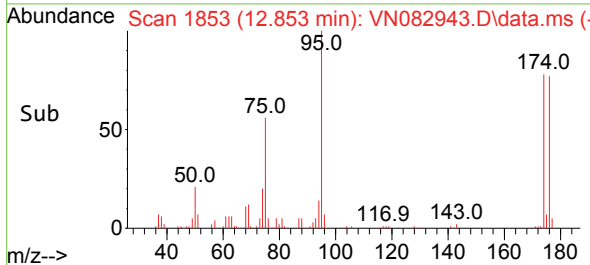
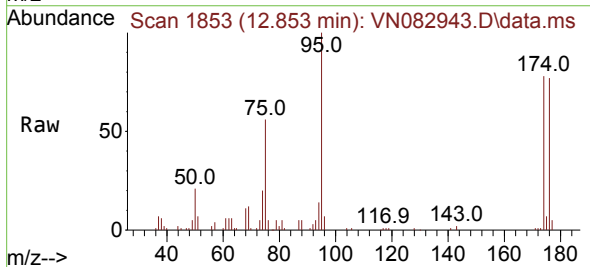
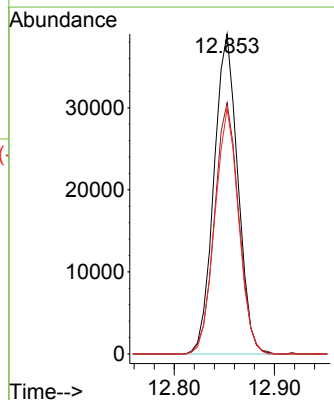


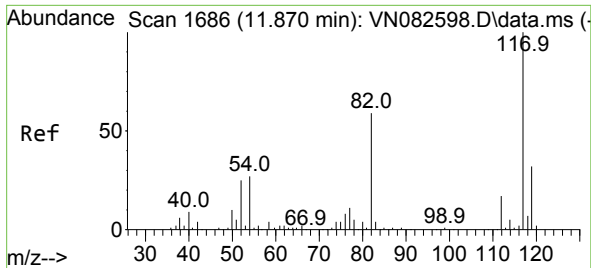
Tgt Ion: 43 Resp: 56075
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 41.591 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

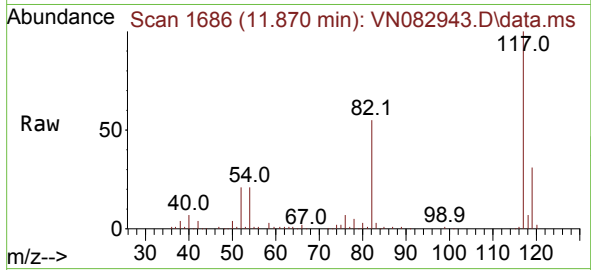
Tgt Ion: 95 Resp: 64388
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.2
176 76.6 0.0 147.6



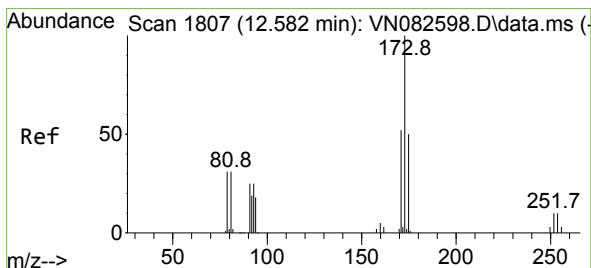
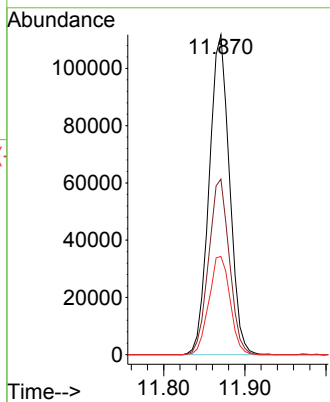
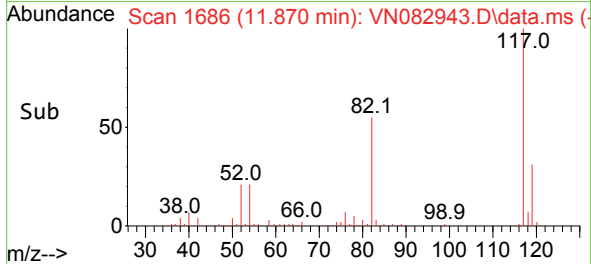


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :

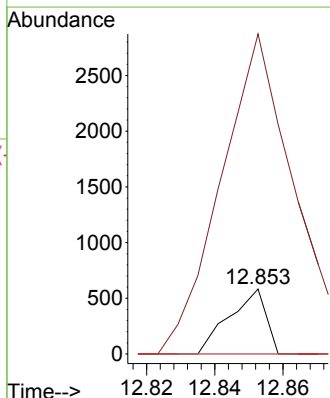
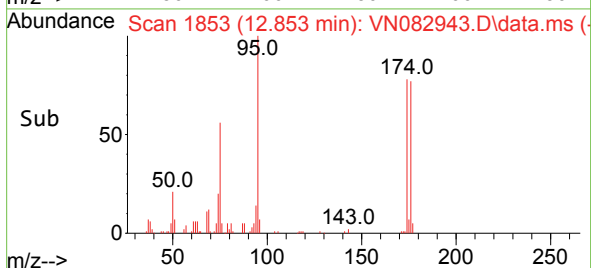
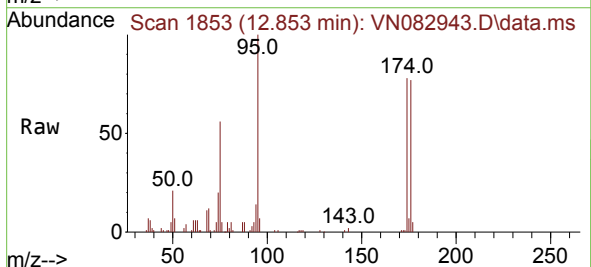


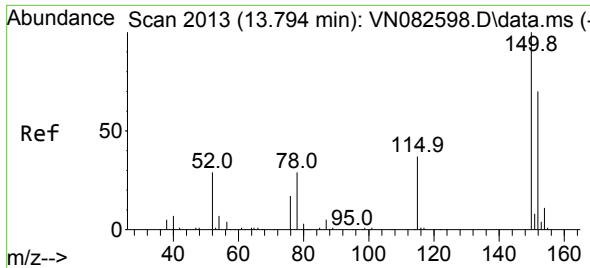
Tgt Ion:117 Resp: 194595
Ion Ratio Lower Upper
117 100
82 54.9 47.5 71.3
119 30.7 25.6 38.4



#71
Bromoform
Concen: 0.375 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082943.D
Acq: 16 Jul 2024 18:25

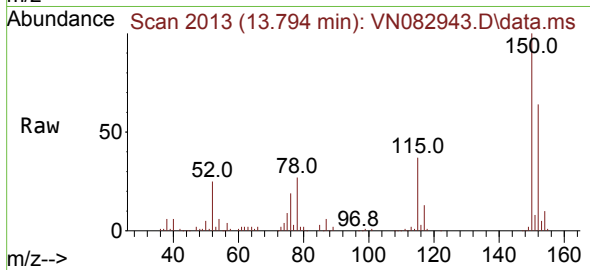
Tgt Ion:173 Resp: 437
Ion Ratio Lower Upper
173 100
175 771.2 24.0 72.0#
254 0.0 0.0 0.0



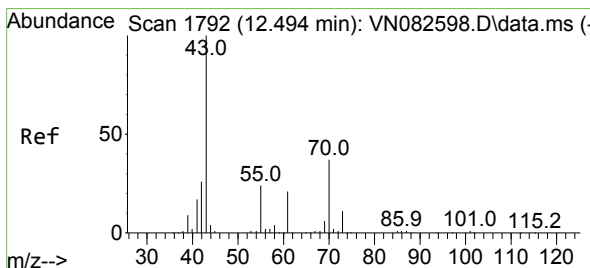
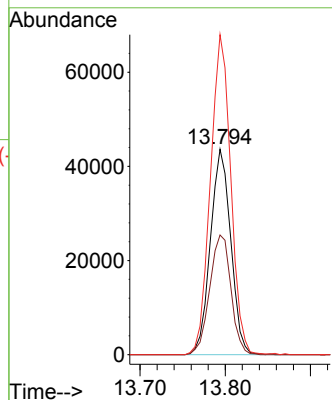
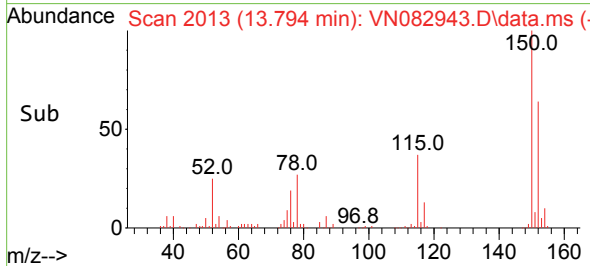


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082943.D
 Acq: 16 Jul 2024 18:25

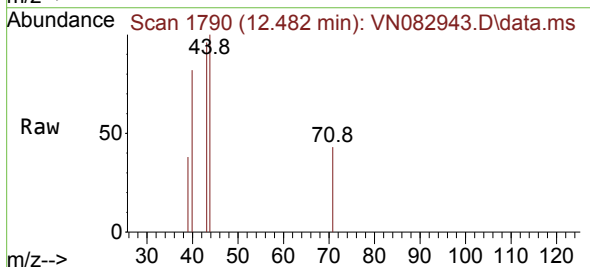
Instrument :
 MSVOA_N
 ClientSampleId :



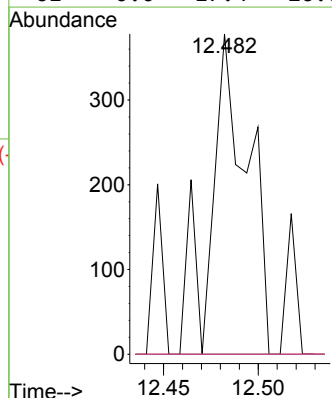
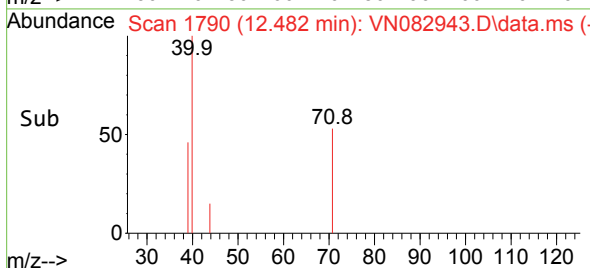
Tgt Ion:152 Resp: 72468
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.6 91.6
 150 155.7 0.0 348.6

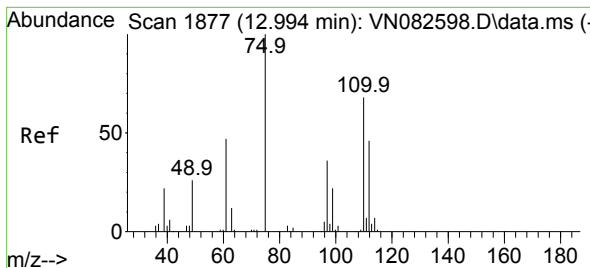


#74
 N-ethyl acetate
 Concen: 0.239 ug/l
 RT: 12.482 min Scan# 1790
 Delta R.T. -0.012 min
 Lab File: VN082943.D
 Acq: 16 Jul 2024 18:25



Tgt Ion: 43 Resp: 520
 Ion Ratio Lower Upper
 43 100
 70 0.0 29.8 44.6#
 55 0.0 18.7 28.1#
 61 0.0 17.4 26.0#





#76

1,2,3-Trichloropropane

Concen: 29.574 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082943.D

Acq: 16 Jul 2024 18:25

Instrument :

MSVOA_N

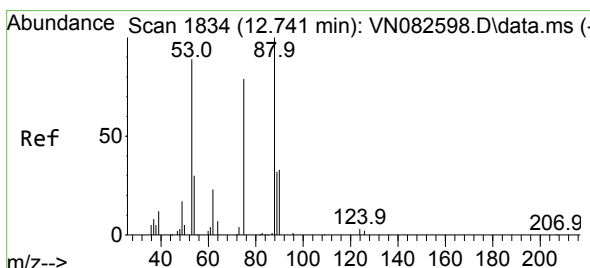
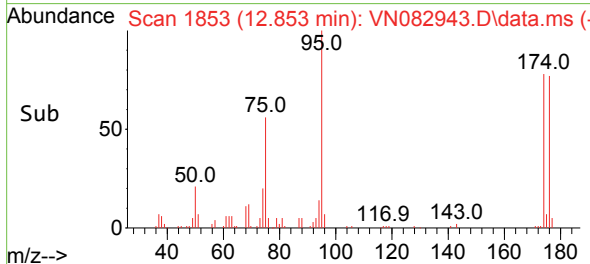
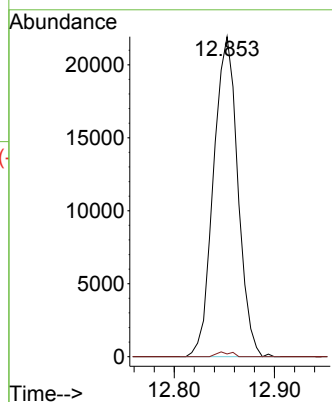
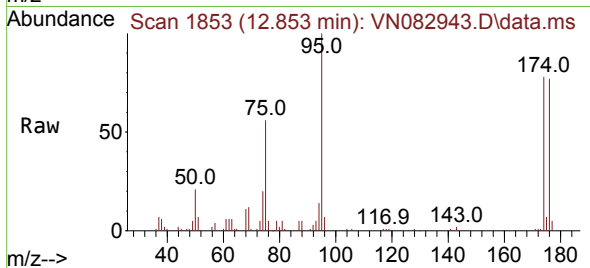
ClientSampleId :

Tgt Ion: 75 Resp: 36950

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.164 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082943.D

Acq: 16 Jul 2024 18:25

Tgt Ion: 75 Resp: 36950

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

